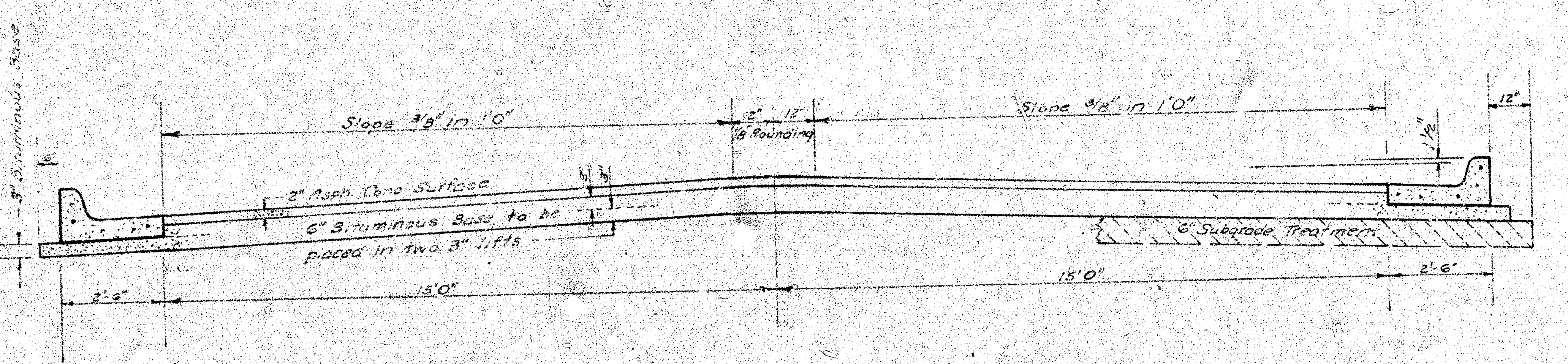
WESTFIELD AVENUE
FROM W.L. BYRON RD. TO N.L. LOT 16, BLOCK 6
WESTLINK VILLAGE 11TH ADD.


3" Bituminous Base
Slope 3/8" in 1'0"
12" 12"
6 Rounding
Slope 3/8" in 1'0"
12"
1 1/2"
2" Asph. Conc. Surface
6" Bituminous Base to be placed in two 3" lifts
6" Subgrade Treatment
2'-6"
15'0"
15'0"
2'-6"

TYPICAL SECTION

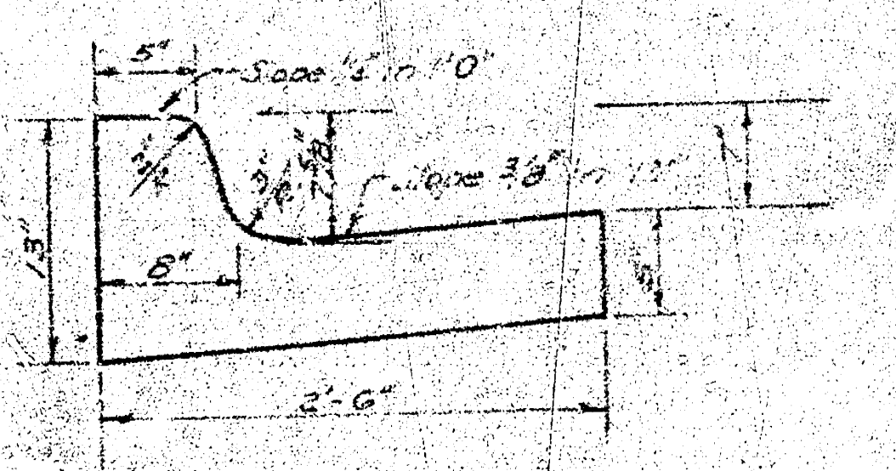
35' ASPHALTIC CONCRETE PAVEMENT WITH BITUMINOUS BASE

The A.C. Pavement between the comb. curb & gutter shall be paid as Sq.Yds. 8" A.C. Pavement (6" Bituminous Base).
The Bituminous Base under the comb. curb & gutter shall be paid as Sq.Yds. 3" Bituminous Base.

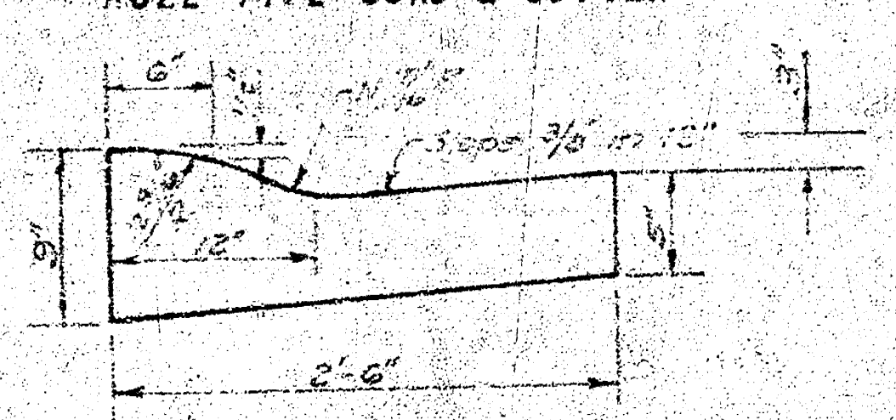
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE 0.05 GALLONS PER SQ YD BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND PLACED SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE IN THE TOP LIFT.

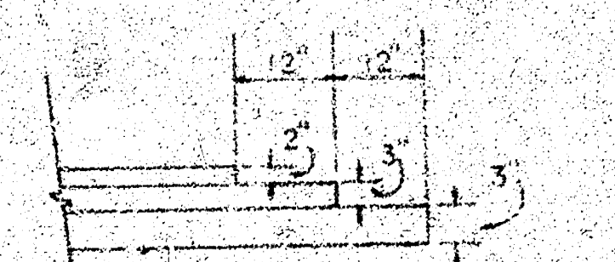
COMBINED CURB & GUTTER


5"
Slope 1/2" in 1'0"
Slope 3/8" in 12"
13"
6"
5"
2'-6"

ROLL TYPE CURB & GUTTER


6"
Slope 3/8" in 12"
9"
12"
5"
2'-6"

DETAIL OF TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT TEMPORARILY ENDS TO FACILITATE FUTURE PAVEMENT CONSTRUCTION AS SHOWN BY DETAIL. THE COST OF CONSTRUCTING THE TRANSVERSE CONSTRUCTION JOINTS SHALL NOT BE MEASURED OR PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS OF ASPHALTIC CONCRETE PAVEMENT.

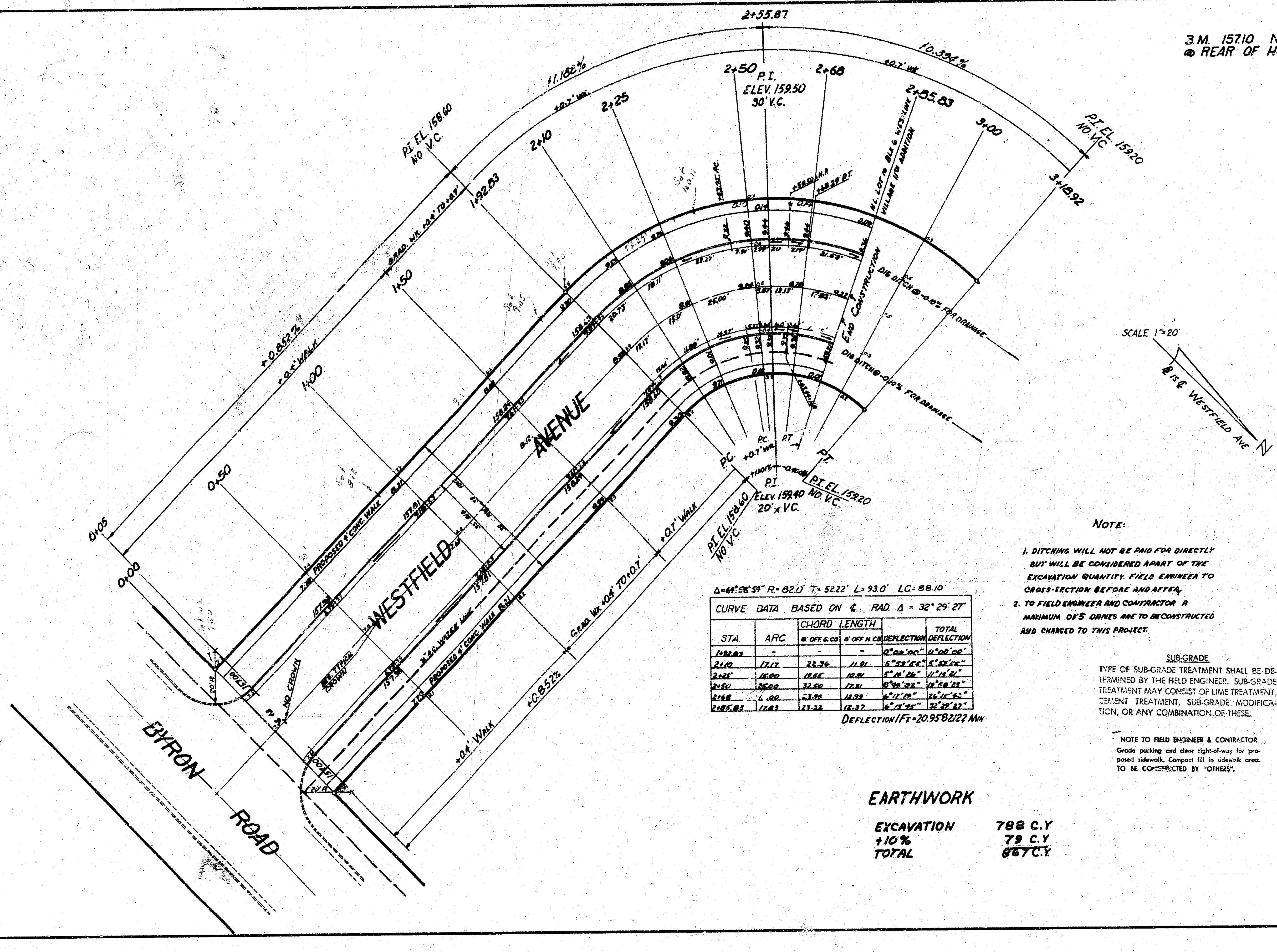
R. W. LINN
5384

CITY OF WICHITA KANSAS
DEPARTMENT of PUBLIC WORKS - Engineering Division.
R. W. LINN CITY ENGINEER
DATE ______________ Proj No. DAKS 574036

1/3

Survey D.C.D.
Plan DRR.
Exc C. BREITENSTEIN
Checker

B.M. 157.10 NE COR. CONC. PATIO PORCH
@ REAR OF HO. 9304 NANTUCKET.


2+55.87
10.396%
+0.2' WK
2+50
P.I.
ELEV. 159.50
30' V.C.
2+68
2+85.83
3+00
P.I. EL 159.20
NO V.C.
3+18.92
+11.180%
+0.2' WK
P.I. EL 158.60
NO V.C.
2+25
2+10
1+92.83
1+50
1+00
0+50
0+05
0+00
+0.852%
+0.2' WALK
END CONSTRUCTION
DIG DITCH @ 0.10% FOR DRAINAGE
DIG DITCH @ 0.10% FOR DRAINAGE
WESTFIELD
AVENUE
PROPOSED 6' CONC. WALK
NO CROWN
PROPOSED 6' CONC. WALK
+0.4' WALK
+0.852%
+0.7' WALK
PC
PT
P.I.
ELEV. 159.40
20' V.C.
P.I. EL 159.20
NO V.C.
P.I. EL 158.60
NO V.C.
BYRON
ROAD
SCALE 1"=20'
℄ WESTFIELD AVE
N

Δ=64°58'54" R.=82.0' T=52.22' L=93.0' LC=88.10'

CURVE DATA BASED ON ℄ RAD. Δ = 32° 29' 27"

STA.	ARC.	CHORD LENGTH 8' OFF S. CB.	CHORD LENGTH 8' OFF N. CB.	DEFLECTION	TOTAL DEFLECTION
1+92.83	-	-	-	0°00'00"	0°00'00"
2+10	17.17	22.36	11.91	5°59'56"	5°59'56"
2+25	15.00	19.55	10.41	5°14'26"	11°14'21"
2+50	25.00	32.50	17.81	8°44'02"	19°58'23"
2+68	18.00	23.90	12.99	6°17'19"	26°15'42"
2+85.83	17.83	23.22	12.37	6°13'45"	32°29'27"

DEFLECTION/FT = 20.9582122 MIN.

NOTE:

1. DITCHING WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED APART OF THE EXCAVATION QUANTITY. FIELD ENGINEER TO CROSS-SECTION BEFORE AND AFTER.
2. TO FIELD ENGINEER AND CONTRACTOR A MAXIMUM OF 5 DRIVES ARE TO BE CONSTRUCTED AND CHARGED TO THIS PROJECT.

SUB-GRADE

TYPE OF SUB-GRADE TREATMENT SHALL BE DETERMINED BY THE FIELD ENGINEER. SUB-GRADE TREATMENT MAY CONSIST OF LIME TREATMENT, CEMENT TREATMENT, SUB-GRADE MODIFICATION, OR ANY COMBINATION OF THESE.

NOTE TO FIELD ENGINEER & CONTRACTOR

Grade parking and clear right-of-way for proposed sidewalk. Compact fill in sidewalk area. TO BE CONSTRUCTED BY "OTHERS".

EARTHWORK

EXCAVATION	788 C.Y
+10%	79 C.Y
TOTAL	867 C.Y.

WESTFIELD AVENUE

FROM W.L. BYRON ROAD TO N.L.
LOT. 16, BLOCK 6, WESTLINK
VILLAGE 11TH ADDITION.

35' ASPHALTIC CONCRETE PAVEMENT

CITY OF WICHITA KANSAS
R.W. LINN CITY ENGINEER
PROJECT NUMBER DAKS 574C36
DATE:

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